

FIG. 1

008060" T 2875960

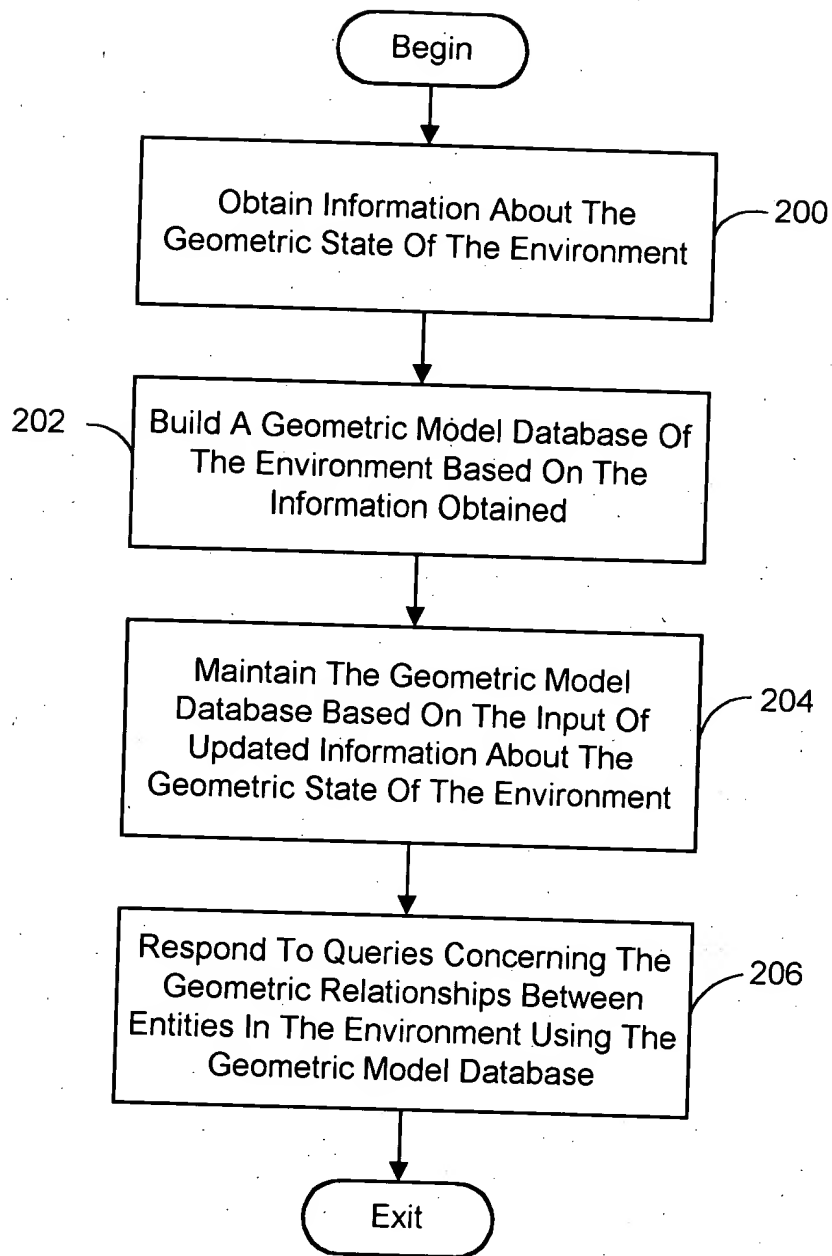


FIG. 2

000000-1875960

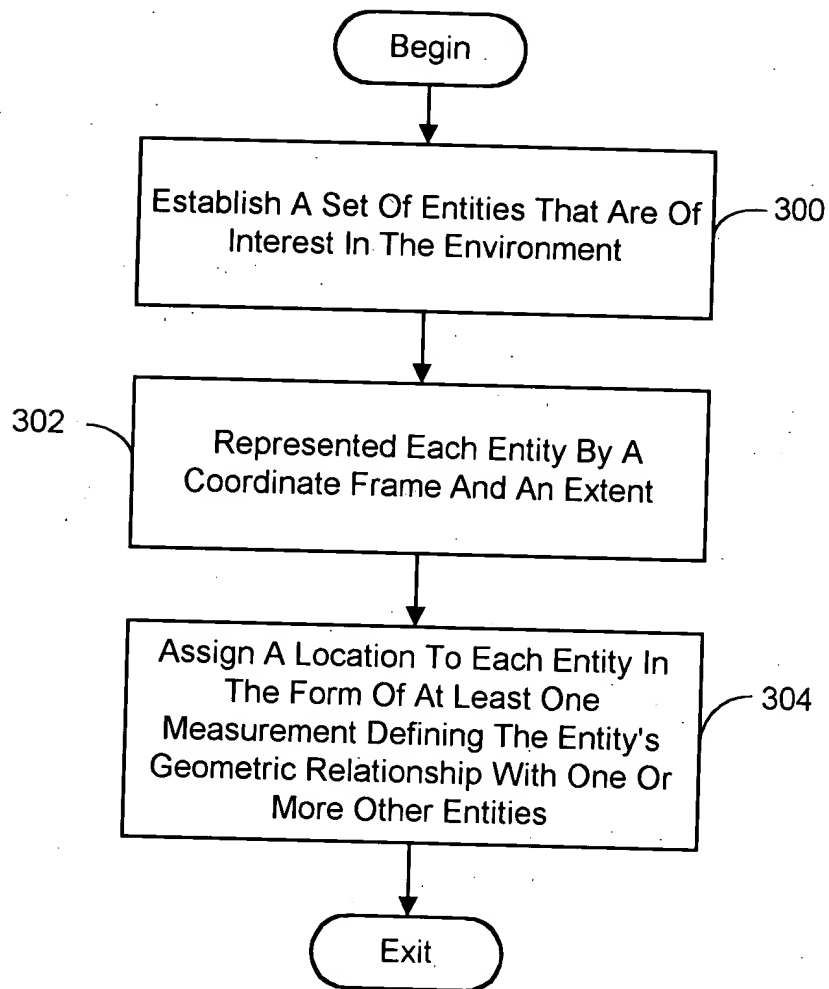


FIG. 3

09657374.090000

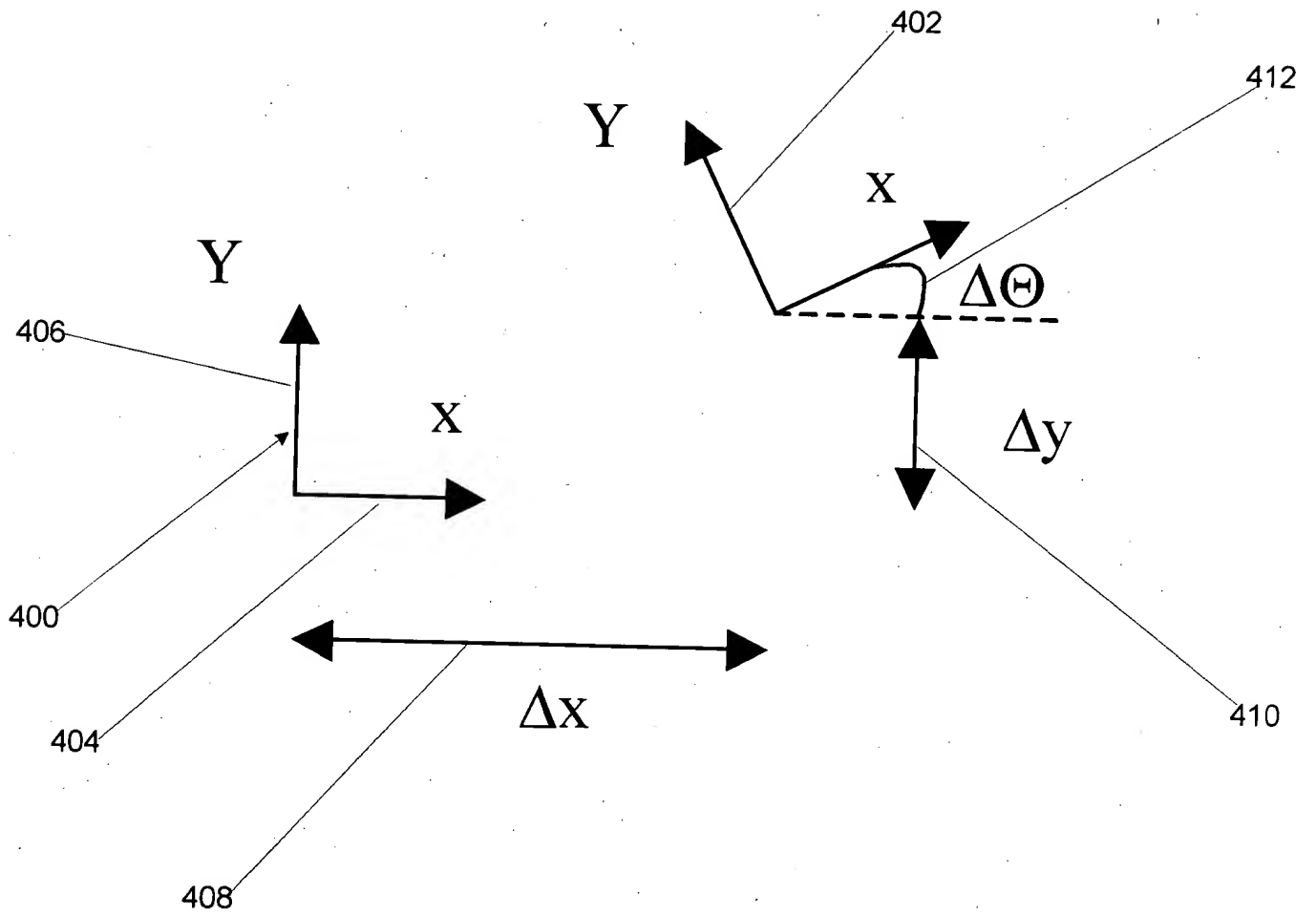


FIG. 4

056574371 090900

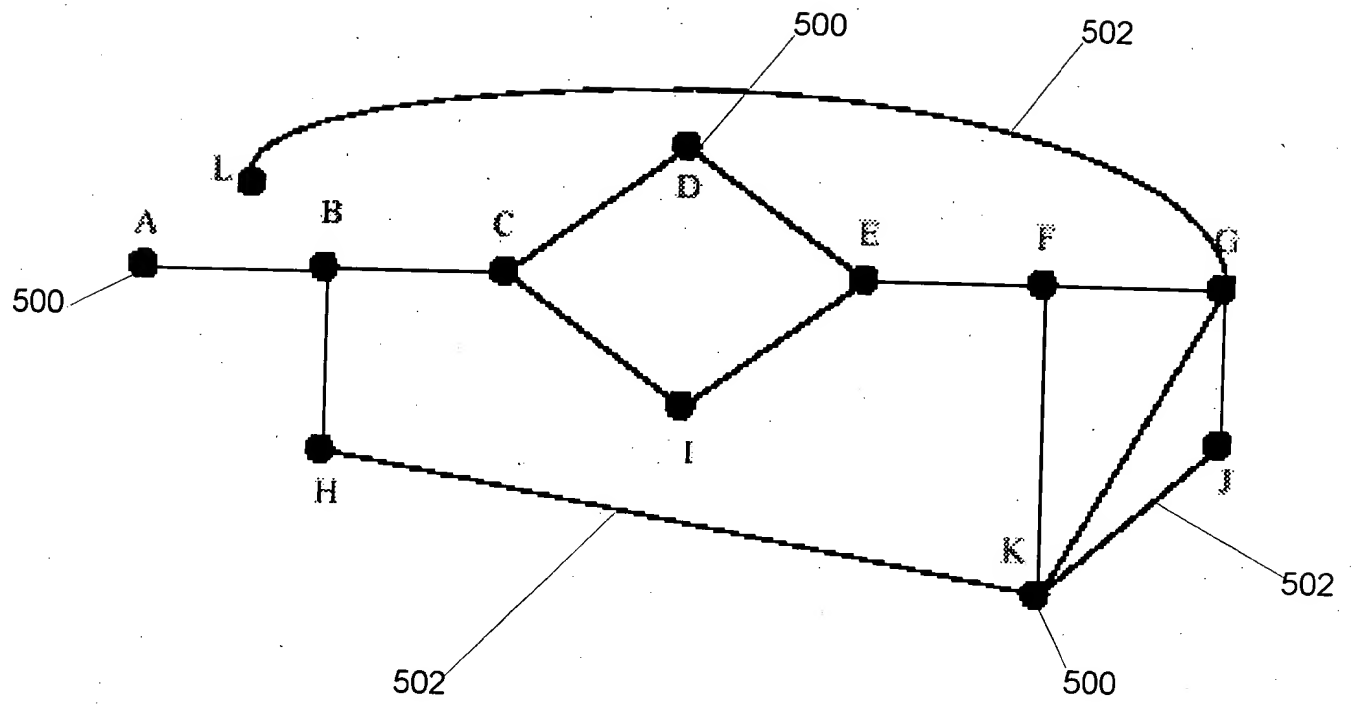


FIG. 5



FIG. 6


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graph TD
    Begin([Begin]) --> 900[Wait For Queries Concerning A Request To Find An Entity Or Entities Whose Extents Have A Particular Geometric Relationship To A Prescribed Region Or Extent Associated With A Given Entity]
    900 --> 902{Was Such A Query Received ?}
    902 -- No --> 900
    902 -- Yes --> 904[Compute The Relative Geometric Relationship Between The Frame Of The Given Entity And The Frames Of All Other Entities Connected To It By A Chain Of Measurements]
    904 --> 906[Transform The Coordinates Of The Extents Associated With The Other Entities Into The Coordinate Frame Of The Given Entity]
    906 --> 908[Employ A Region Intersection Process To Determine If The Extents Associated With The Other Entities Intersect The Prescribed Region Or Extent Of The Given Entity]
    908 --> 910[Provide The Intersection Information To The Requesting Source]
    910 --> Exit([Exit])
  
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FIG. 9